Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070720\
Data File : VV017382.D
Acq On : 07 Jul 2020 17:01
Operator : SY/MD
Sample : L3154-20DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 08 01:36:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165855	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163310	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40601	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.58	69	34334	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.13	63	67730	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.92	46	101189	39.89	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.78%			
24) Chloroform-d	4.38	84	96867	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.06	65	54227	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.08	84	168806	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.80%			
36) 1,2-Dichloropropane-d6	6.10	67	47968	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.60%			
41) Toluene-d8	7.34	98	155572	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.20%			
45) trans-1,3-Dichloropropene-	7.65	79	19951	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
48) 2-Hexanone-d5	8.11	63	69805	34.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.36%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36289	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	65183	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	92731	8.520	ug/L	100
8) Chloroethane	1.63	64	2548	0.424	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	687	0.078	ug/L #	21
14) Carbon disulfide	2.32	76	1247	0.052	ug/L #	65
16) Methylene chloride	2.53	84	1851	0.217	ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	7447	0.883	ug/L	96
19) 1,1-Dichloroethane	3.21	63	971	0.051	ug/L #	87
22) cis-1,2-Dichloroethene	3.94	96	41867	3.630	ug/L	98
34) Trichloroethene	5.95	95	1421	0.113	ug/L	91
35) Methylcyclohexane	6.09	83	13515	0.694	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6894	0.651	ug/L #	85
46) trans-1,3-Dichloropropene	7.65	75	1064	0.078	ug/L	95
50) 2-Hexanone	8.17	43	2737	0.629	ug/L #	82
70) Naphthalene	13.53	128	2444	0.107	ug/L #	91
71) 1,2,3-Trichlorobenzene	13.77	180	1221	0.092	ug/L #	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070720\
Data File : VV017382.D
Acq On : 07 Jul 2020 17:01
Operator : SY/MD
Sample : L3154-20DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 08 01:36:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070720\
Data File : VV017382.D
Acq On : 07 Jul 2020 17:01
Operator : SY/MD
Sample : L3154-20DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

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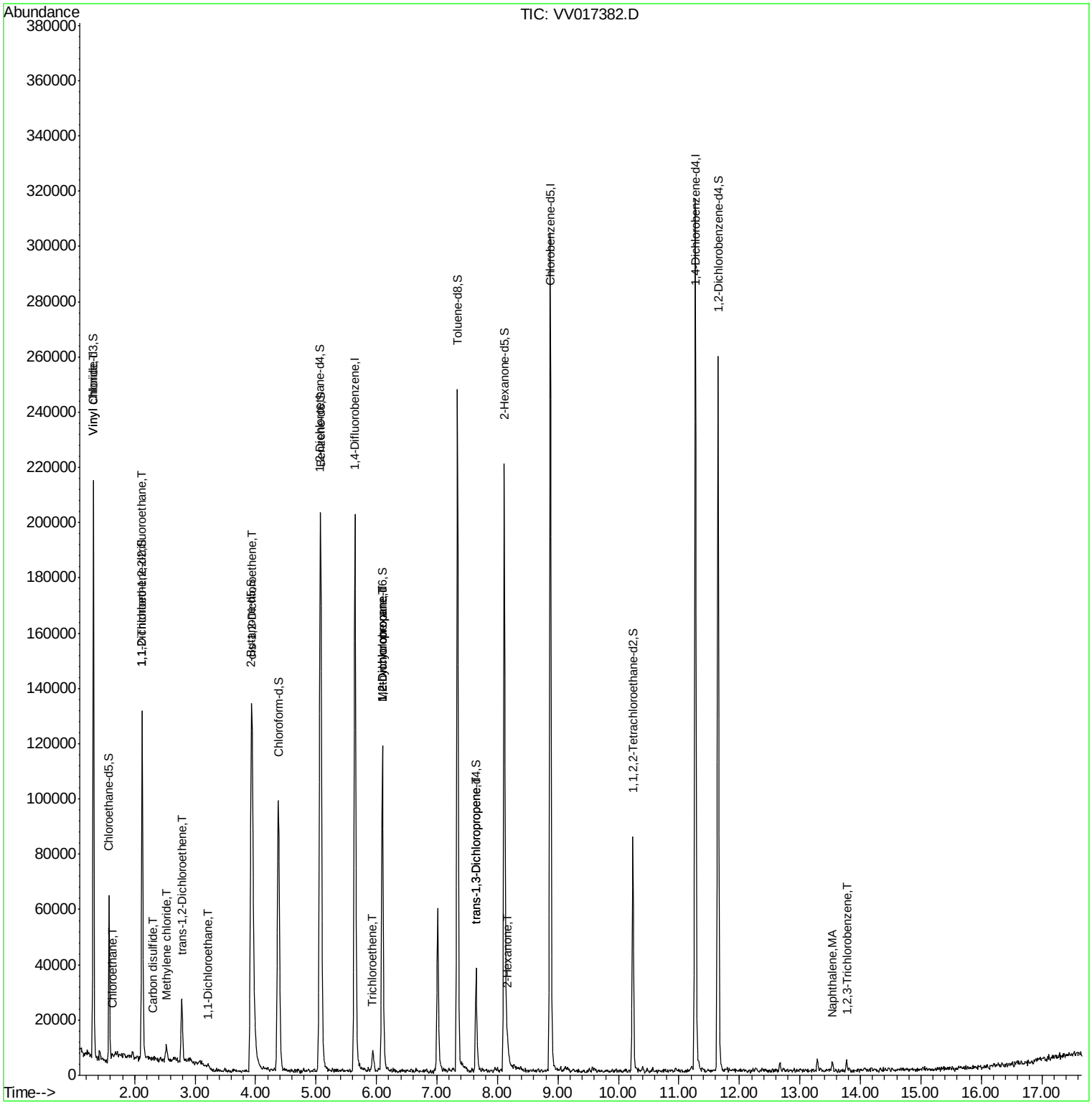
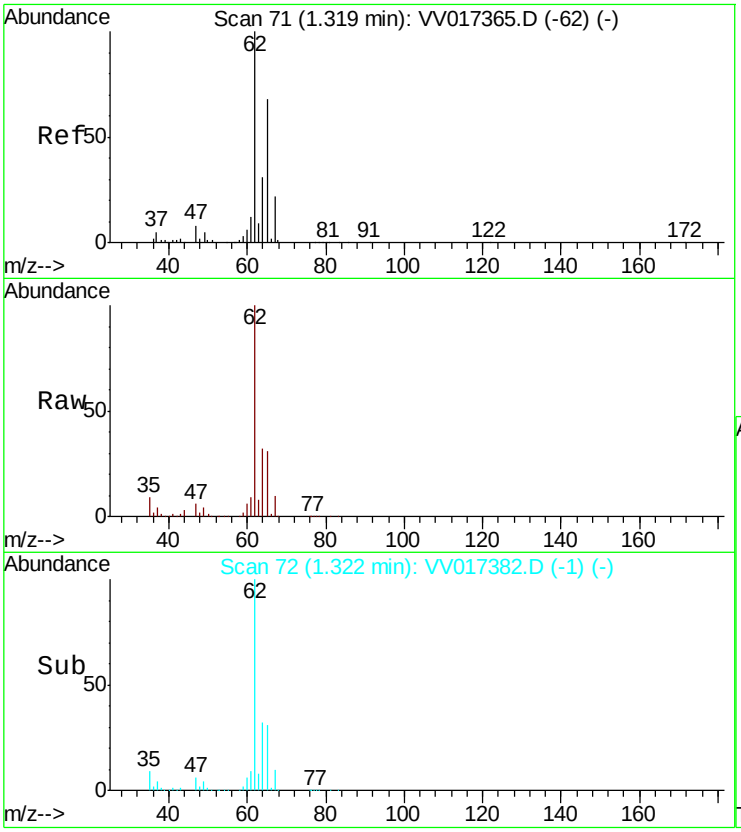
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration



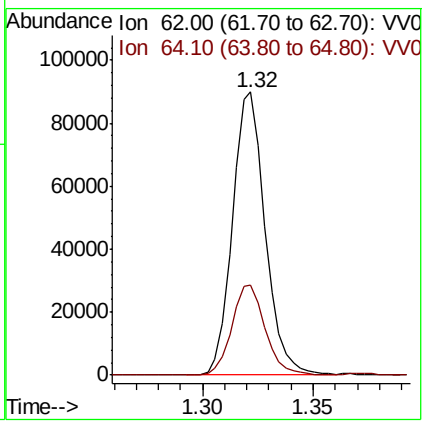


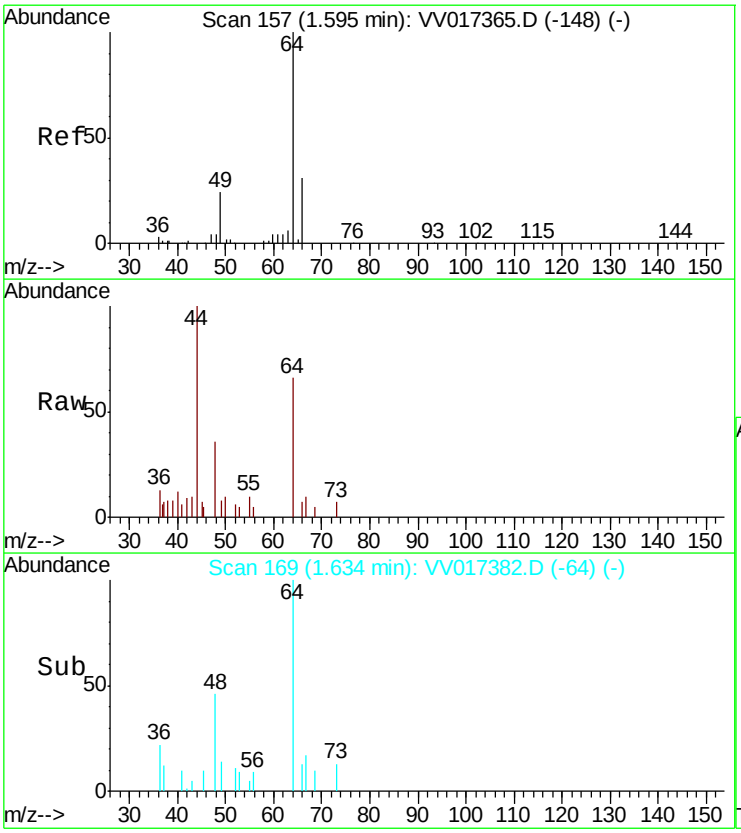
#5
Vinyl chloride
Concen: 8.520 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 92731

Ion	Ratio	Lower	Upper
62	100		
64	32.0	22.5	41.7

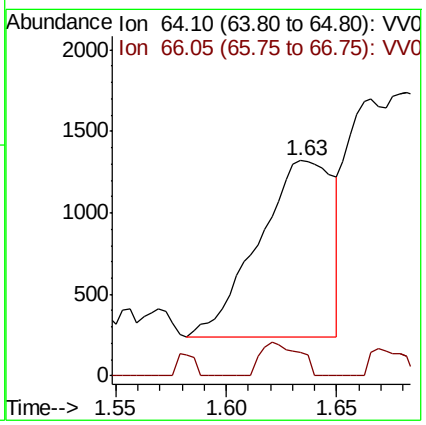


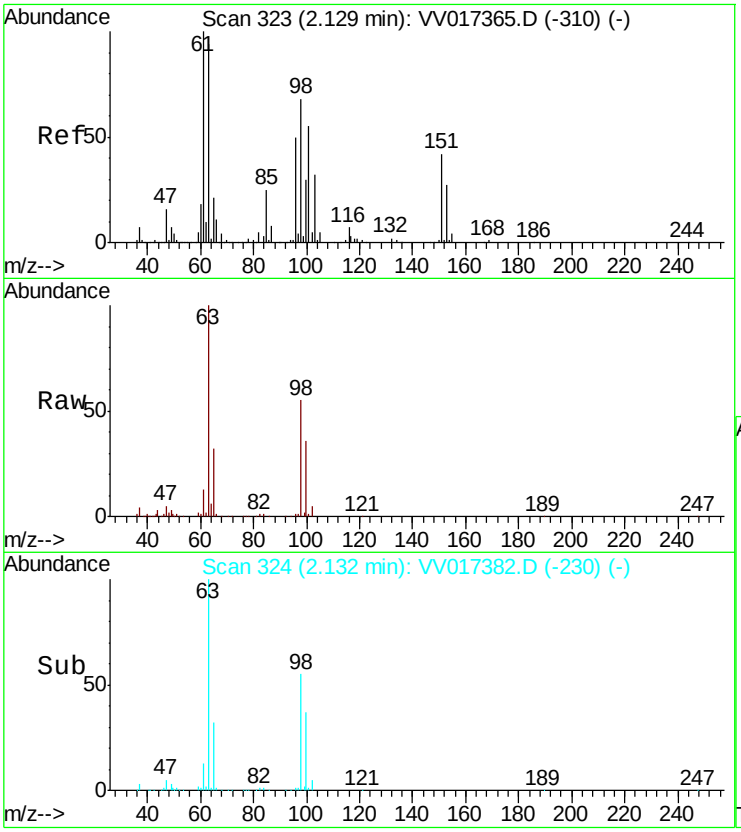


#8
Chloroethane
Concen: 0.424 ug/L
RT: 1.63 min Scan# 169
Delta R.T. 0.04 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion: 64 Resp: 2548

Ion	Ratio	Lower	Upper
64	100		
66	10.8	22.8	42.4#



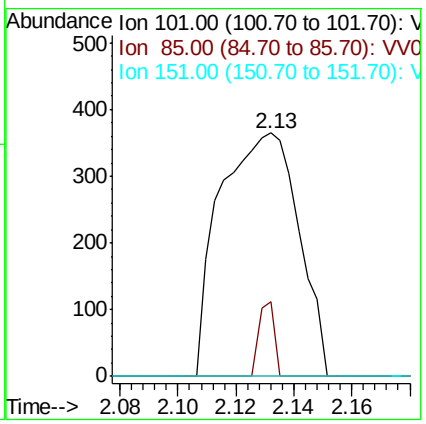


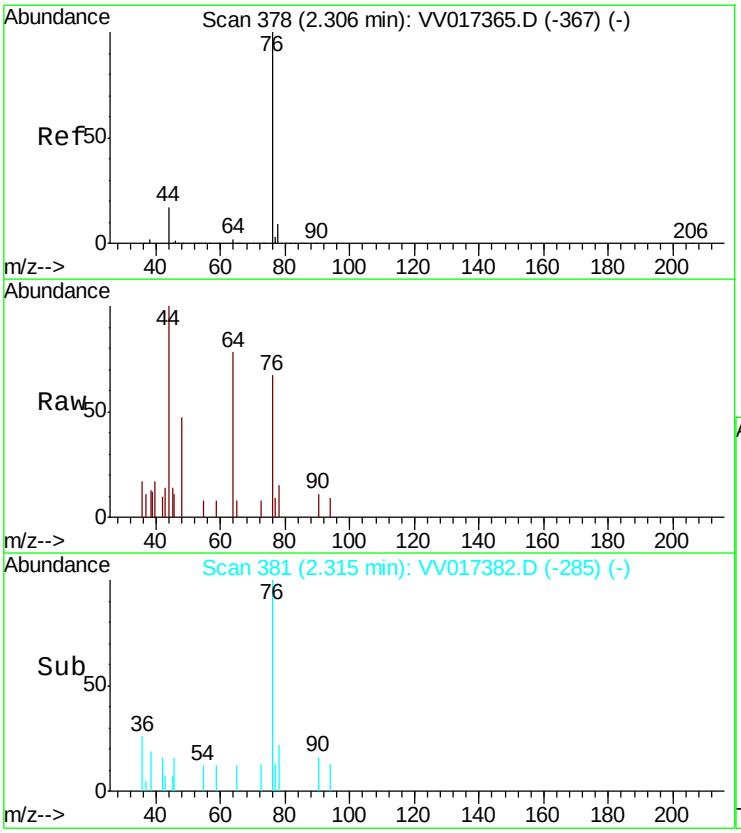
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 687

Ion	Ratio	Lower	Upper
101	100		
85	6.0	35.4	53.2#
151	0.0	63.9	95.9#

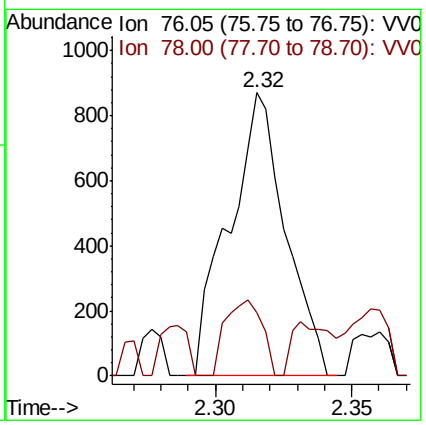


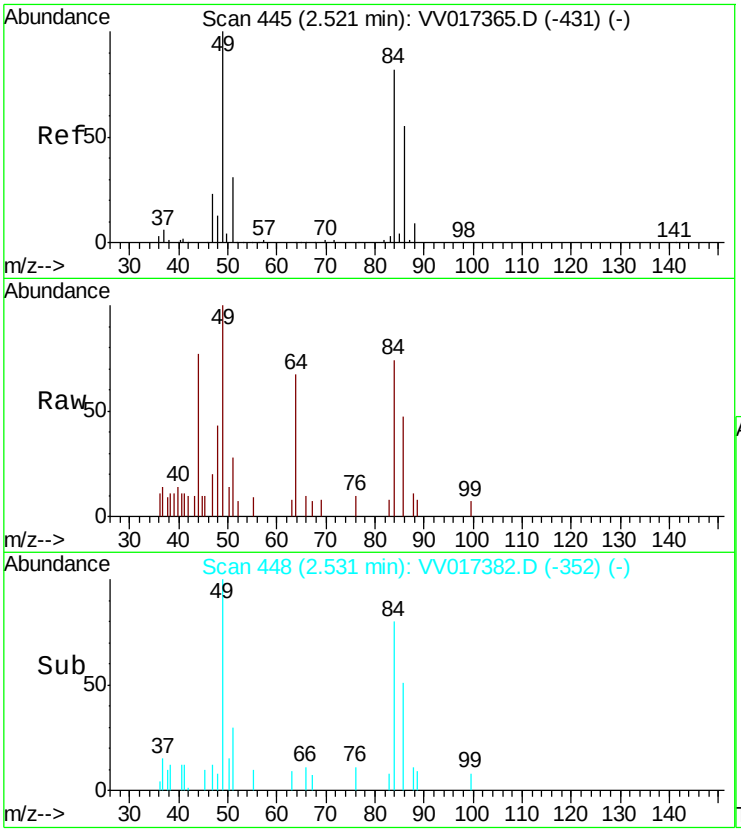


#14
Carbon disulfide
Concen: 0.052 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion: 76 Resp: 1247

Ion	Ratio	Lower	Upper
76	100		
78	22.4	7.7	11.5#



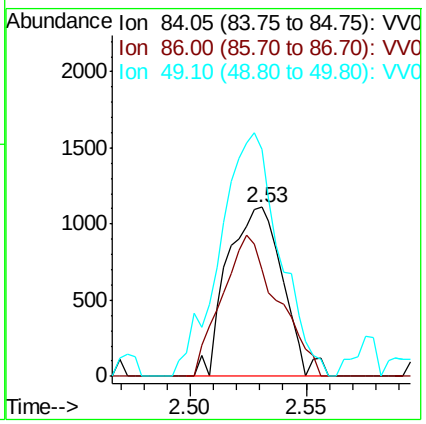


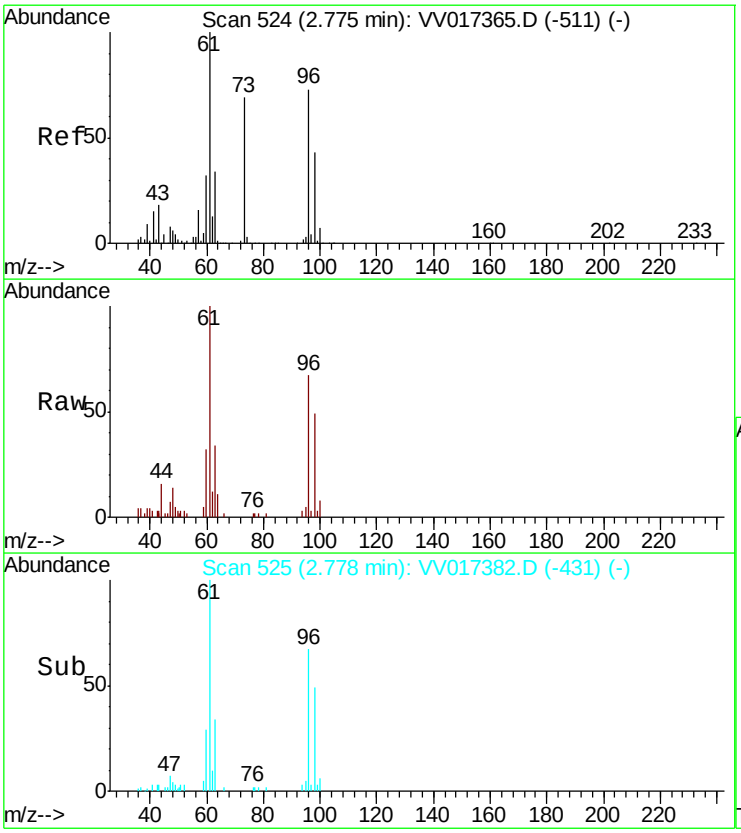
#16
Methylene chloride
Concen: 0.217 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1851

Ion	Ratio	Lower	Upper
84	100		
86	63.5	45.8	85.0
49	134.8	89.6	166.4

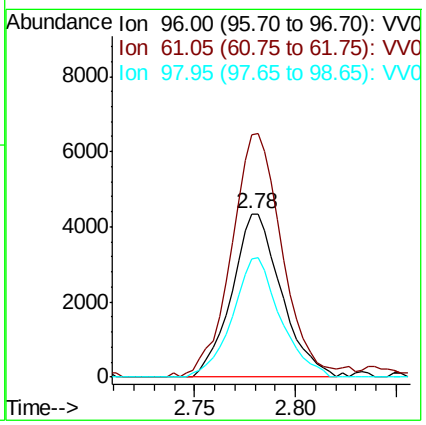


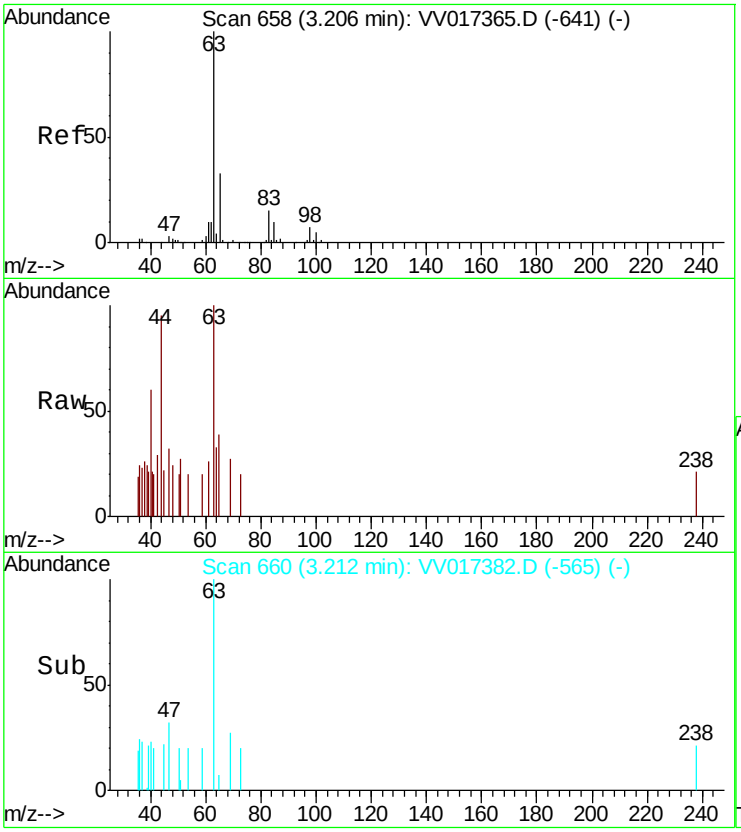


#18
trans-1,2-Dichloroethene
Concen: 0.883 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion: 96 Resp: 7447

Ion	Ratio	Lower	Upper
96	100		
61	148.3	102.3	189.9
98	72.1	44.7	82.9



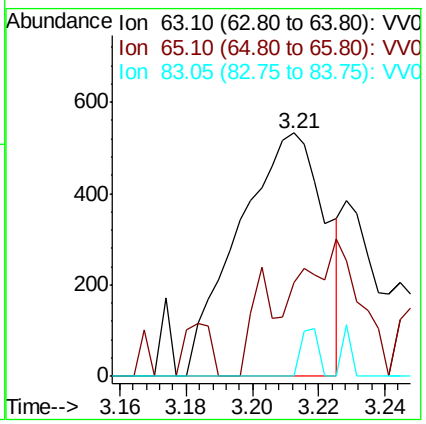


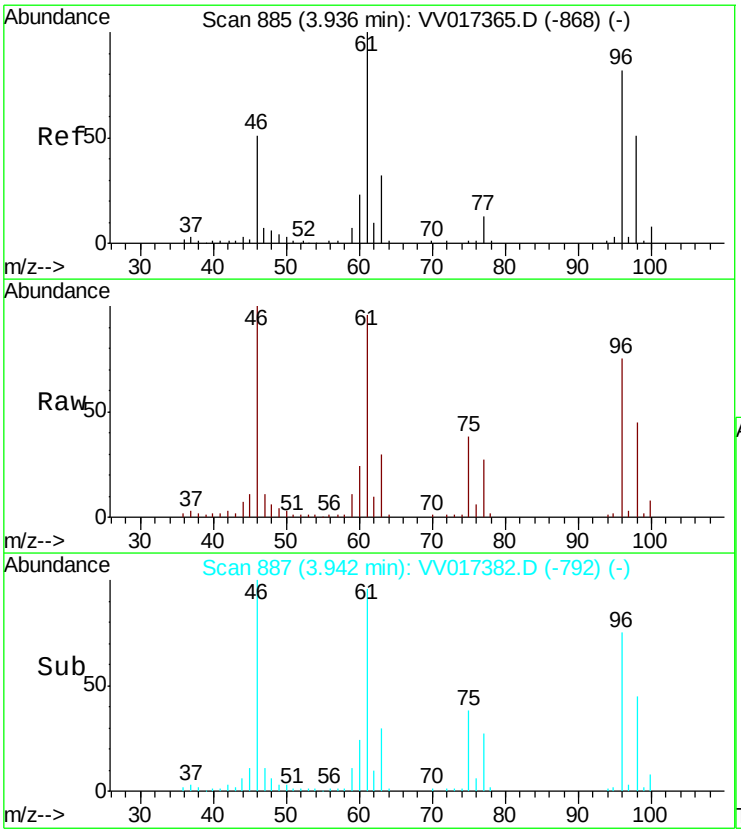
#19
1,1-Dichloroethane
Concen: 0.051 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 971

Ion	Ratio	Lower	Upper
63	100		
65	29.0	21.8	40.4
83	0.0	9.7	17.9#

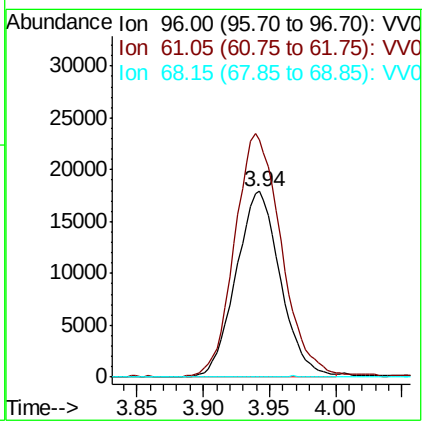


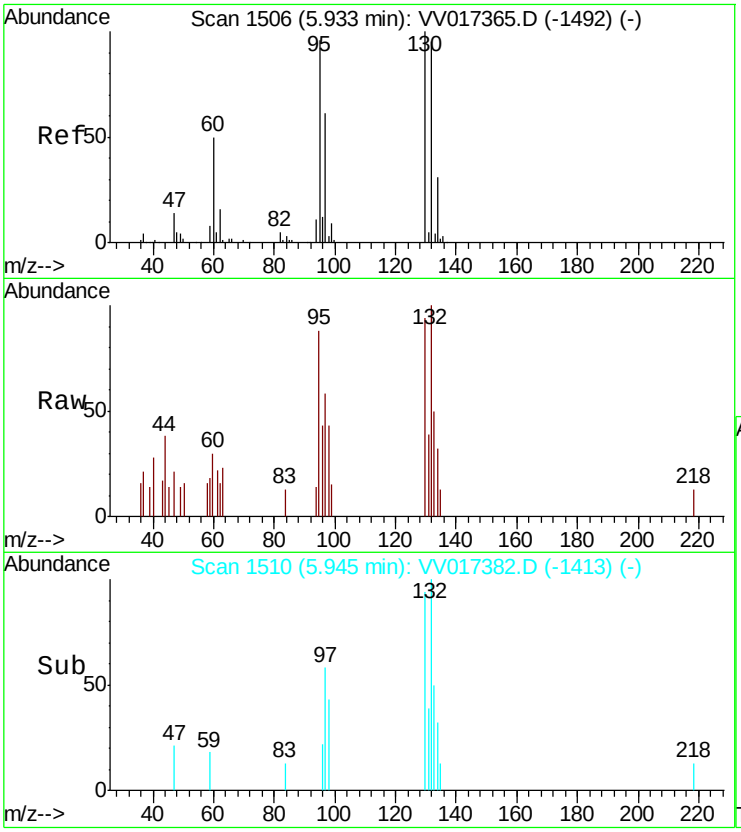


#22
cis-1,2-Dichloroethene
Concen: 3.630 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion: 96 Resp: 41867

Ion	Ratio	Lower	Upper
96	100		
61	127.8	91.0	169.0
68	0.0	0.0	0.0



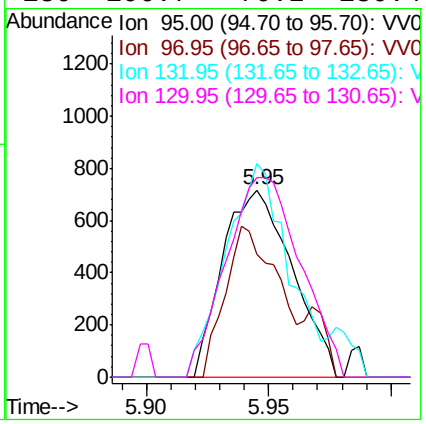


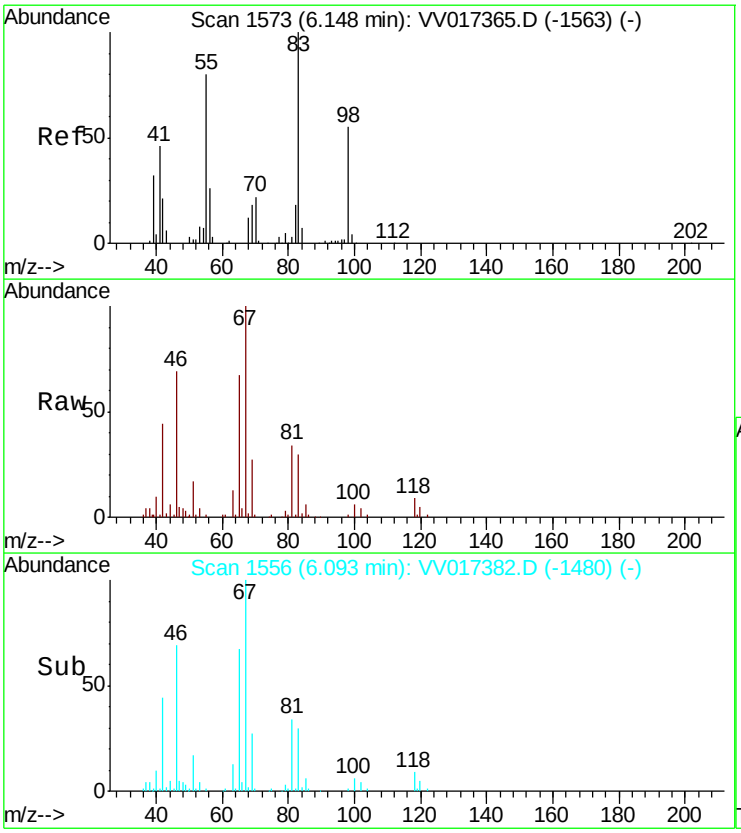
#34
Trichloroethene
Concen: 0.113 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1421

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.3	84.1
132	114.1	68.8	127.8
130	106.7	70.2	130.4

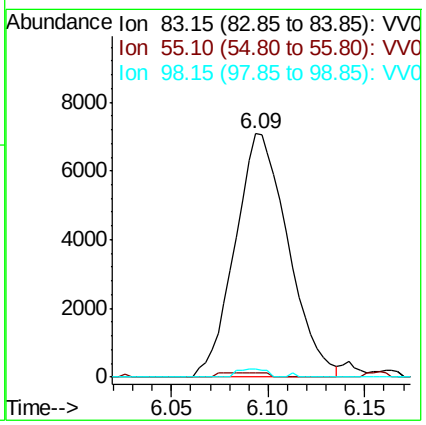


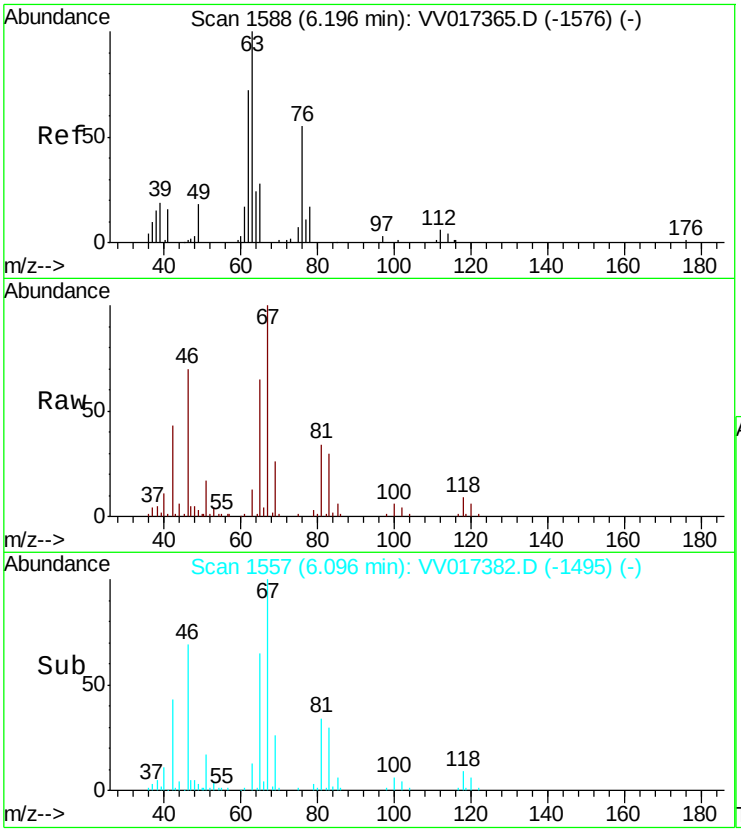


#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion: 83 Resp: 13515

Ion	Ratio	Lower	Upper
83	100		
55	1.6	63.6	95.4#
98	1.8	38.8	58.2#



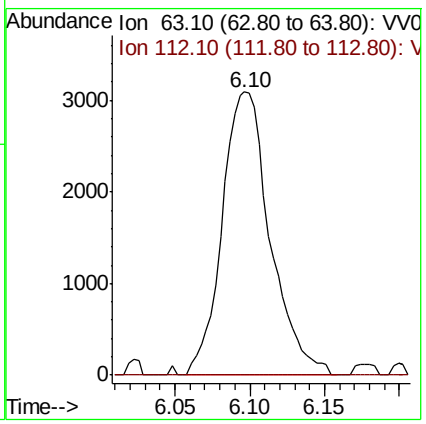


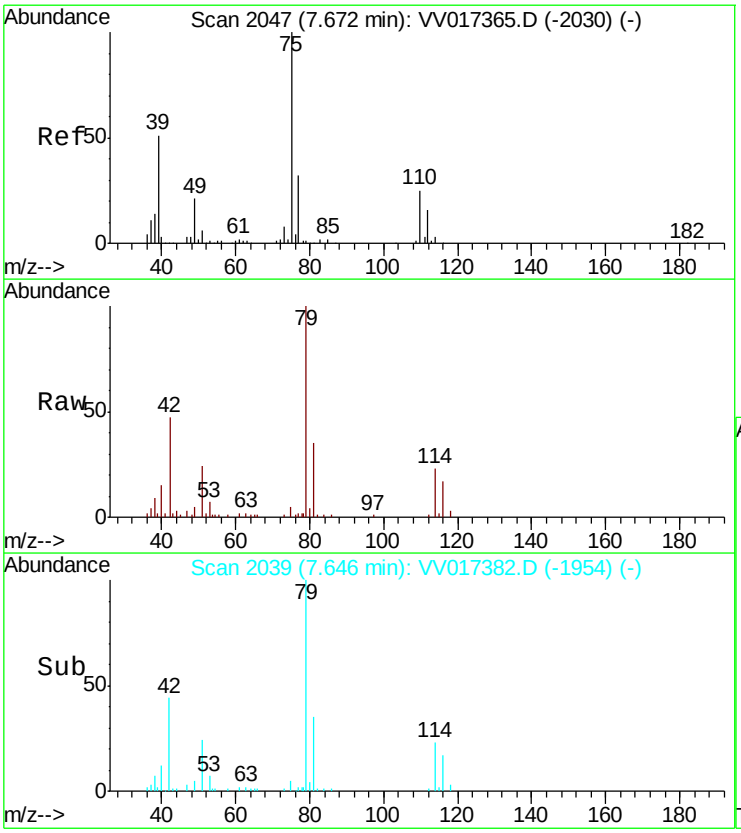
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 6894

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.4	6.6#

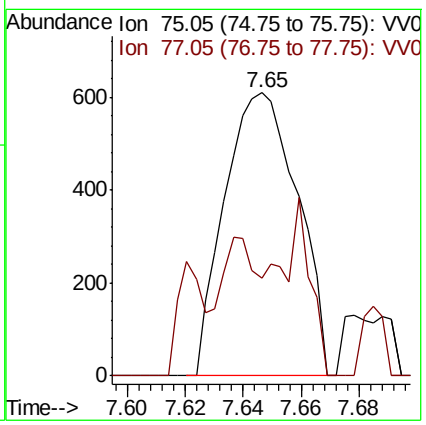


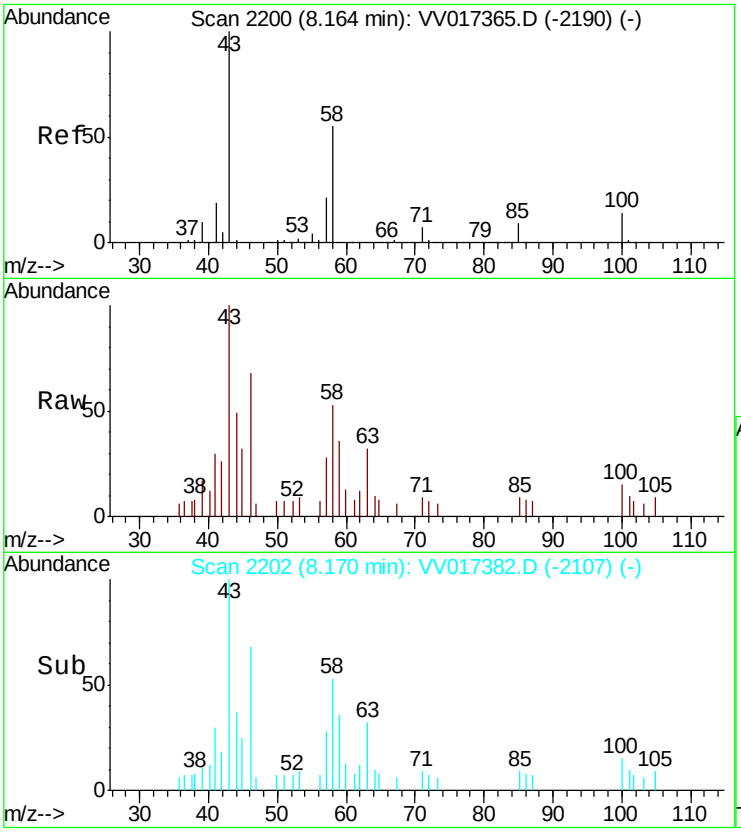


#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion: 75 Resp: 1064

Ion	Ratio	Lower	Upper
75	100		
77	34.6	22.3	41.3



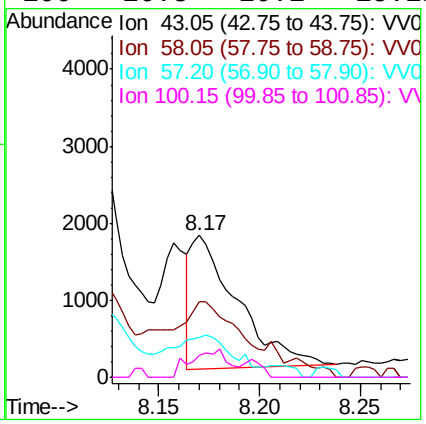


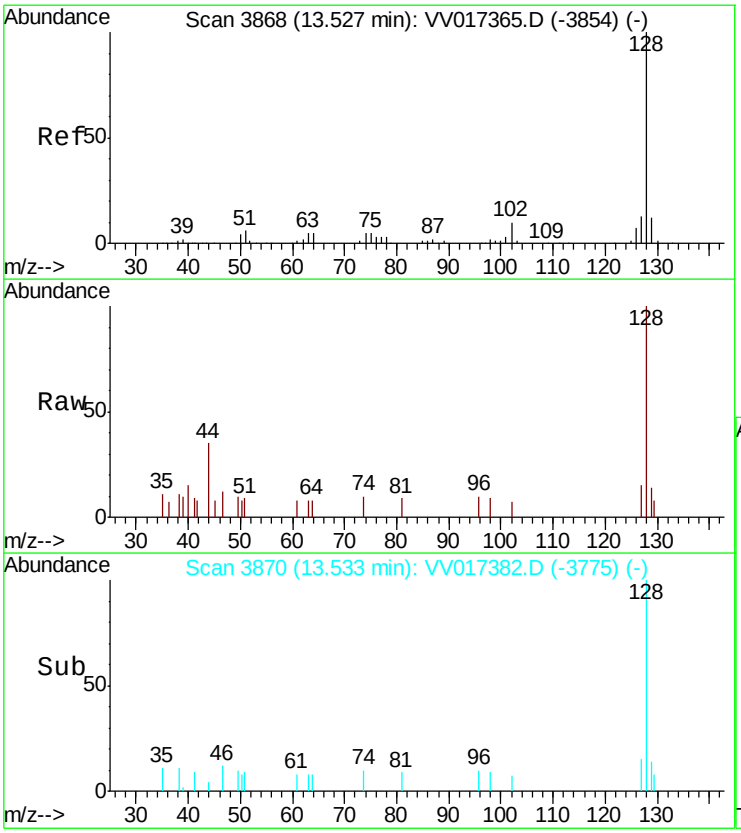
#50
2-Hexanone
Concen: 0.629 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2737

Ion	Ratio	Lower	Upper
43	100		
58	39.3	41.6	62.4#
57	30.0	15.4	23.0#
100	16.8	10.1	15.1#

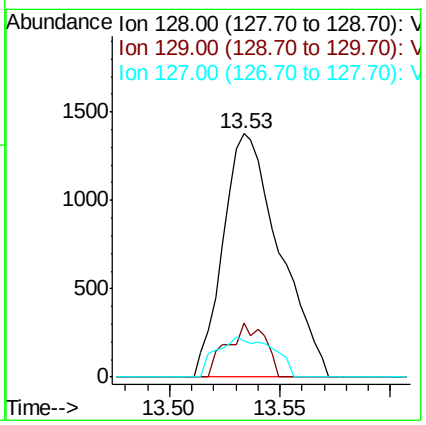


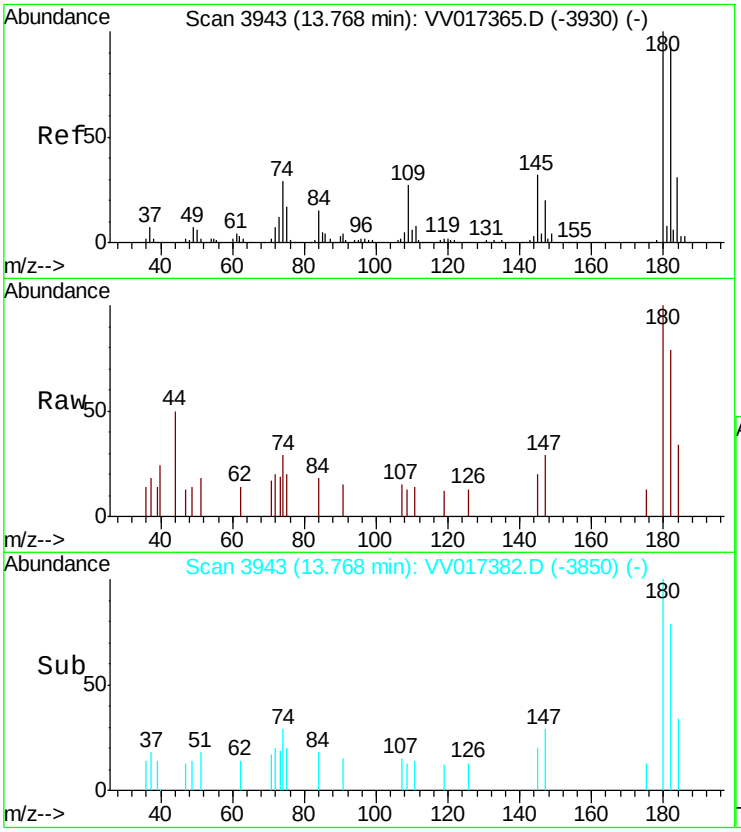


#70
Naphthalene
Concen: 0.107 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Tgt Ion:128 Resp: 2444

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.8	13.2#
127	16.3	10.5	15.7#





#71
1,2,3-Trichlorobenzene
Concen: 0.092 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VV017382.D
Acq: 07 Jul 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 1221

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.0
145	25.9	25.9	38.9#